

E D I T O R ' S N O T E

Dear Reader,

I am pleased to finally present the first issue in Berkeley Scientific's fourteenth volume. Berkeley Scientific has been present for many years, publishing undergraduate research, interviews with distinguished professors, and features articles about a variety of topics. Motivated by the 2009 swine flu pandemic, we decided to use this issue as an opportunity to investigate the science of infectious diseases from a range of viewpoints. We try to better understand disease onset and propagation while also considering sociological and historical perspectives. We also explore the possible link between viruses and cancer while discussing some of the latest scientific advancements in this area of infectious diseases.

We hope that viewers will continue to enjoy our new online interface hosted by the California Digital Library, which allows us to incorporate a more colorful presentation of our materials and reach an international audience. We would like to thank Dr. Tyler Stovall, Dean of the Undergraduate Division of the College of Letters and Science, for providing us with the resources to produce a quality journal. The staff also gives thanks to Leah Carroll and Terry Strathman, our department advisors, for their constant guidance and assistance throughout the semester.

We appreciate your support of Berkeley Scientific Journal, and we welcome any suggestions that may further improve the quality of our journal.

Sincerely,

Dave Garg
Editor-In-Chief
Berkeley Scientific

S T A F F]

Editor-in-Chief DAVE GARG

Interviews Editors JENNIFER CHERONE
ALEX GAGNON
MIKE MOSES

Features Editors MELANIE MA
HEMMA MISTRY
MATTHEW KOH

Research Editor DANIEL YANG
TRIT GARG
JONATHAN PAI

Design & Layout Editor JESSEN BREDESON
TAKU XU

Features Writers KHUSHBU AGGARWAL
MONICA ARNELL
ALEX CHEUNG
AMY HASSENBERG
TYLER LUTZ
NIEMA RWAZAVIAN
ANDREW TABER

Research AMY HASSENBERG
DAVID DING

Design & Layout STEFANO LANTORNO
SAM LI
LUCY LIU
MATT MIRANDA
VICTRY MUELLER
MANISHA RAI
HONG ZHONG

/kɒn'tækt/ CONTACT]

MAILING ADDRESS *Berkeley Scientific Journal*
5 Durant Hall #2940
Berkeley, CA 94720-2940

PHONE NUMBER (510) 643-5374

EMAIL berkeleyscientific@gmail.com

ONLINE <http://www.ocf.berkeley.edu/~bsj/contact.htm>

Cover Design and Issue Formatting by Jessen Bredeson